

18. (currently amended): A-~~The~~ display device as claimed in Claim 10 whereby feedback of light from the light emitting region to the photosensitive region sustains the light emitting region output, for each picture frame.

19. (currently amended): A-~~The~~ display device as claimed in Claim 10 whereby the electric field is turned off at the end of each picture frame.

20. (currently amended): A-~~The~~ display device as claimed in Claim 10 whereby the electric field is grounded at the end of each picture frame.

21. (currently amended): A-~~The~~ display device as claimed in Claim 10 whereby a capacitance in the device sustains the light emitting region output, after the laser beam has ~~stopped scanning~~ passed each picture element, during its scanning process, for each picture frame.

22. (currently amended): A- ~~The display device as claimed in Claim 10 14 such that the light emitting region is coated with an alternating pattern of red, green, and blue phosphors such that the light emitted by the light-emitting region is absorbed and retransmitted by the phosphors, with an alternating pattern of red, green and blue, to form a color display.~~

23. (cancelled).

24. (new): The display device as claimed in Claim 10 whereby the electric field is turned off at the end of each picture frame which causes the light output to be turned off.

25. (new): The display device as claimed in Claim 10 whereby the electric field is grounded at the end of each picture frame which causes the light output to be turned off.

26. (new): The display device as claimed in Claim 10 such that the light sensing region is a photocell junction and the light emitting region is a LED junction.

27. (new): The display device as claimed in Claim 10 such that after the laser has been incident upon a picture element, the light emitting region continues to emit light for a period of time.

28. (new): A display device that shows picture frames containing a light sensing region and a light emitting region scanned by a laser beam for each picture frame displayed, in the presence of an applied electric field such that the laser beam absorbed by the light-sensing region causes a voltage barrier to be lowered causing charge carriers to flow from the light sensing region to the light emitting region.

29. (new): The display device as claimed in Claim 28 such that the light emitting region is arranged in an alternating pattern of red, green, and blue to form a color display.

30. (new): The display device as claimed in Claim 28 such that the light emitting region is monolithic in construction and a pixel on the display is defined by the area lit by the laser.

31. (new): The display device as claimed in Claim 28 such that the laser beam scans each picture element more than once per picture frame displayed.

32. (new): The display device as claimed in Claim 28 whereby an optical barrier is positioned between the light emitting region and photosensitive region to prevent feedback of light from the light emitting diode to the photosensitive region.

33. (new): The display device as claimed in Claim 28 such that after the laser has been incident upon a picture element, the light-emitting region continues to emit light for a period of time.

34. (new): The display device as claimed in Claim 28 such that after the laser has been incident upon a picture element, the light-emitting region continues to emit light for a period proportional to a frame period.

35. (new): The display device as claimed in Claim 28 whereby feedback of light from the light emitting region to the photosensitive region sustains the light emitting region output, for each picture frame.

36. (new): The display device as claimed in Claim 28 whereby the electric field is turned off at the end of each picture frame.

37. (new): The display device as claimed in Claim 28 whereby the electric field is turned off at the end of each picture frame which causes the light output to be turned off.

38. (new): The display device as claimed in Claim 28 whereby the electric field is grounded at the end of each picture frame.

39. (new): The display device as claimed in Claim 28 whereby the electric field is grounded at the end of each picture frame which causes the light output to be turned off.

40. (new): The display device as claimed in Claim 28 whereby a capacitance in the device sustains the light emitting region output, after the laser beam has passed each picture element, during its scanning process, for each picture frame.

41. (new): The display device as claimed in Claim 28 such that the light emitted by the light emitting region is absorbed and retransmitted by phosphors, with an alternating pattern of red, green and blue, to form a color display.

42. (new): The display device as claimed in Claim 28 such that the light sensing region is a photocell junction and the light emitting region is a LED junction.

43. (new): A display device that shows picture frames containing a light sensing region and a light emitting region scanned by a laser beam for each picture frame displayed, in the presence of an applied electric field such that an amplified amount of charge carriers flow compared with those generated by the laser from the light sensing region to the light emitting region.
44. (new): The display device as claimed in Claim 43 such that the light emitting region is arranged in an alternating pattern of red, green, and blue to form a color display.
45. (new): The display device as claimed in Claim 43 such that the light emitting region is monolithic in construction and a pixel on the display is defined by the area lit by the laser.
46. (new): The display device as claimed in Claim 43 such that the laser beam scans each picture element more than once per picture frame displayed.
47. (new): The display device as claimed in Claim 43 whereby an optical barrier is positioned between the light emitting region and photosensitive region to prevent feedback of light from the light emitting diode to the photosensitive region.
48. (new): The display device as claimed in Claim 43 such that after the laser has been incident upon a picture element, the light emitting region continues to emit light for a period of time.
49. (new): The display device as claimed in Claim 43 such that after the laser has been incident upon a picture element, the light emitting region continues to emit light for a period proportional to a frame period.
50. (new): The display device as claimed in Claim 43 whereby feedback of light from the light emitting region to the photosensitive region sustains the light emitting region output, for each picture frame.
51. (new): The display device as claimed in Claim 43 whereby the electric field is turned off at the end of each picture frame.
52. (new): The display device as claimed in Claim 43 whereby the electric field is turned off at the end of each picture frame which causes the light output to be turned off.
53. (new): The display device as claimed in Claim 43 whereby the electric field is grounded at the end of each picture frame.
54. (new): The display device as claimed in Claim 43 whereby the electric field is grounded at the end of each picture frame which causes the light output to be turned off.

55. (new): The display device as claimed in Claim 43 whereby a capacitance in the device sustains the light emitting region output, after the laser beam has passed each picture element, during its scanning process, for each picture frame.

56. (new): The display device as claimed in Claim 43 such that the light emitted by the light emitting region is absorbed and retransmitted by phosphors, with an alternating pattern of red, green and blue, to form a color display.

57. (new): The display device as claimed in Claim 43 such that the light sensing region is a photocell junction and the light emitting region is a LED junction.

58. (new): A solid state display device that shows picture frames containing a light sensing region and a light emitting region subjected to an incident light projected by a projector for each picture frame displayed, in the presence of an applied electric field by causing carriers to flow from the light sensing region to the light emitting region.

59. (new): The display device as claimed in Claim 58 such that the light emitting region is arranged in an alternating pattern of red, green, and blue to form a color display.

60. (new): The display device as claimed in Claim 58 whereby an optical barrier is positioned between the light emitting region and photosensitive region to prevent feedback of light from the light emitting diode to the photosensitive region.

61. (new): The display device as claimed in Claim 58 such that the light emitted by the light emitting region is absorbed and retransmitted by phosphors, with an alternating pattern of red, green and blue, to form a color display.

62. (new): The display device as claimed in Claim 58 whereby a capacitance in the device sustains the light emitting region output for all picture elements, after the projector has completed projecting light for each picture frame.

63. (new): A display device that shows picture frames containing a light sensing region and a light emitting region subjected to an incident light projected by a projector for each picture frame displayed, in the presence of an applied electric field such that the incident light absorbed by the light sensing region causes a voltage barrier to be lowered causing charge carriers to flow from the light sensing region to the light emitting region.

64. (new): The display device as claimed in Claim 63 such that the light emitting region is arranged in an alternating pattern of red, green, and blue to form a color display.

65. (new): The display device as claimed in Claim 63 whereby an optical barrier is positioned between the light emitting region and photosensitive region to prevent feedback of light from the light emitting diode to the photosensitive region.

66. (new): The display device as claimed in Claim 63 such that the light emitted by the light emitting region is absorbed and retransmitted by phosphors, with an alternating pattern of red, green and blue, to form a color display.

67. (new): The display device as claimed in Claim 63 whereby a capacitance in the device sustains the light emitting region output for all picture elements, after the projector has completed projecting light for each picture frame.

68. (new): A display device that shows picture frames containing a light sensing region and a light emitting region subjected to an incident light projected by a projector for each picture frame displayed, in the presence of an applied electric field such that an amplified amount of charge carriers flow compared with those generated by the incident light from the light sensing region to the light emitting region.

69. (new): The display device as claimed in Claim 68 such that the light emitting region is arranged in an alternating pattern of red, green, and blue to form a color display.

70. (new): The display device as claimed in Claim 68 whereby an optical barrier is positioned between the light emitting region and photosensitive region to prevent feedback of light from the light emitting diode to the photosensitive region.

71. (new): The display device as claimed in Claim 68 such that the light emitted by the light emitting region is absorbed and retransmitted by phosphors, with an alternating pattern of red, green and blue, to form a color display.

72. (new): The display device as claimed in Claim 68 whereby a capacitance in the device sustains the light emitting region output for all picture elements, after the projector has completed projecting light for each picture frame.